

STANDARD LED LAMPS

Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2θ 1/2 (deg)	Drawing No.
		Material/Emitted Color	Peak Wave Length λ _p (nm)		Δλ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)		
									Typ	Max	Typ		
1.0" Lead Cylindrical φ 3.0	BL-C5132	GaP/GaP/Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	3.0	130	D-024
	BL-C4532	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-C2132	GaP/GaP/Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-CX1132	GaP/GaP/Hi-Eff Green	568		30	80	30	150	2.2	2.6	12.0		
	BL-C3132	GaAsP/GaP/Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-C4132	GaAsP/GaP/Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	9.0		
1.0" Lead Cylindrical φ 3.0	BL-C5435	GaP/GaP/Bright Red	700	Red Trans	90	40	15	50	2.2	2.6	5.0	120	D-025
	BL-C4635	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	15.0		
	BL-C2435	GaP/GaP/Green	568	Green Trans	30	80	30	150	2.2	2.6	15.0		
	BL-CX1435	GaP/GaP/Hi-Eff Green	568		30	80	30	150	2.2	2.6	18.0		
	BL-C3435	GaAsP/GaP/Yellow	585	Yellow Trans	35	80	30	150	2.1	2.6	12.0		
	BL-C4435	GaAsP/GaP/Orange	635	Orange Trans	45	100	30	150	2.0	2.6	15.0		
Cylindrical 0.5" Lead 4.5 φ	BL-C5121	GaP/GaP/Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	1.2	150	D-026
	BL-C4521	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-C2121	GaP/GaP/Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-C3121	GaP/GaP/Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
1.0" Lead Cylindrical φ 5.0	BL-C5436	GaP/GaP/Bright Red	700	Red Trans	90	40	15	50	2.2	2.6	5.0	120	D-027
	BL-C4636	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	14.0		
	BL-C2436	GaP/GaP/Green	568	Green Trans	30	80	30	150	2.2	2.6	14.0		
	BL-CX1436	GaP/GaP/Hi-Eff Green	568		30	80	30	150	2.2	2.6	16.0		
	BL-C3436	GaAsP/GaP/Yellow	585	Yellow Trans	35	80	30	150	2.1	2.6	13.0		
	BL-C4436	GaAsP/GaP/Orange	635	Orange Trans	45	100	30	150	2.0	2.6	14.0		
Panel Dot 1.0" Lead φ 1.75	BL-S5131	GaP/GaP/Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	1.2	75	D-028
	BL-S4531	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-S2131	GaP/GaP/Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-S3131	GaAsP/GaP/Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	4.0		
1.0" Lead Tower φ2.75	BL-S5133	GaP/GaP/Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	1.4	100	D-029
	BL-S4533	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-S2133	GaP/GaP/Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-SX1133	GaP/GaP/Hi-Eff Green	568		30	80	30	150	2.2	2.6	9.0		
	BL-S3133	GaAsP/GaP/Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	5.0		
	BL-S4133	GaAsP/GaP/Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	6.0		
1.0" Lead Tower φ2.0	BL-S5136	GaP/GaP/Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	1.2	70	D-030
	BL-S4536	GaAsP/GaP/Hi-Eff Red	635		45	80	30	150	2.0	2.6	7.0		
	BL-S3136	GaAsP/GaP/Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	6.0		
	BL-S4136	GaAsP/GaP/Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	7.0		

STANDARD LED LAMPS

D-024 BL-Cxx32 Series	D-025 BL-Cxx35 Series
D-026 BL-Cxx21 Series	D-027 BL-Cxx36 Series
D-028 BL-Sxx31 Series	D-029 BL-Sxx33 Series
D-030 BL-Sxx36 Series	

Notes: 1. All Dimensions are in millimeters (inches).
 2. Tolerance is $\pm 0.25\text{mm}$ (.010")